

WHAT IS CLAIMED IS:

- 1 1. A color image forming apparatus, comprising:
  - 2 a plurality of image supporters, each of which is operable to support a
  - 3 toner image of one color to be transferred;
  - 4 a plurality of brush rollers, each of which is brought into contact with
  - 5 an associated one of the image supporters to charge the same; and
  - 6 a plurality of transmitters, each of which is operable to transmit a
  - 7 driving force of an associated one of the image supporters to an associated
  - 8 one of the brush rollers.
- 1 2. The color image forming apparatus as set forth in claim 1, wherein
- 2 each of the transmitters comprises a step-up gear.
- 1 3. The color image forming apparatus as set forth in claim 1, wherein the
- 2 image supporters and the brush rollers are rotated in an identical direction.
- 1 4. The color image forming apparatus as set forth in claim 1, wherein the
- 2 toner image is transferred onto a belt member.
- 1 5. The color image forming apparatus as set forth in claim 1, wherein the
- 2 toner image is transferred onto a recording medium carried by a belt member.
- 1 6. A color image forming apparatus, comprising:
  - 2 a plurality of image supporters, each of which is operable to support a

3           latent image of one color to be developed;  
4                a plurality of brush rollers, each of which is brought into contact with  
5           an associated one of the image supporters to charge the same;  
6                a plurality of developing rollers, each of which is operable to develop  
7           the latent image as a toner image of one color which is to be transferred, on an  
8           associated one of the image supporters; and  
9                a plurality of transmitters, each of which is operable to transmit a  
10          driving force of an associated one of the developing rollers to an associated  
11          one of the brush rollers.

1           7.       The color image forming apparatus as set forth in claim 6, wherein the  
2           image supporters and the brush rollers are rotated in an identical direction.

1           8.       The color image forming apparatus as set forth in claim 6, wherein the  
2           toner image is transferred onto a belt member.

1           9.       The color image forming apparatus as set forth in claim 6, wherein the  
2           toner image is transferred onto a recording medium carried by a belt member.

1           10.      A color image forming apparatus, comprising:  
2                a plurality of image supporters, each of which is operable to support a  
3           latent image of one color to be developed;  
4                a plurality of brush rollers, each of which is brought into contact with  
5           an associated one of the image supporters to charge the same;  
6                a plurality of developing rollers, each of which is operable to develop

7       the latent image as a toner image of one color which is to be transferred, on an  
8       associated one of the image supporters; and

9               a transmitter, operable to transmit a driving force of one of the  
10      developing rollers to each of the brush rollers.

1       11.       The color image forming apparatus as set forth in claim 10, wherein  
2       the image supporters and the brush rollers are rotated in an identical direction.

1       12.       The color image forming apparatus as set forth in claim 10, wherein  
2       the toner image is transferred onto a belt member.

1       13.       The color image forming apparatus as set forth in claim 10, wherein  
2       the toner image is transferred onto a recording medium carried by a belt  
3       member.

1       14.       A color image forming apparatus, comprising:  
2               a plurality of image supporters, each of which is operable to support a  
3       toner image of one color to be transferred;  
4               a plurality of brush rollers, each of which is brought into contact with  
5       an associated one of the image supporters to charge the same; and  
6               a transmitter, operable to transmit a driving force of one of the image  
7       supporters to each of the brush rollers.

1       15.       The color image forming apparatus as set forth in claim 14, wherein  
2       the one of the image supporters is an image supporter which is associated with

3 a black toner image.

1 16. The color image forming apparatus as set forth in claim 14, wherein  
2 the one of the image supporters is an image supporter which is associated with  
3 a yellow toner image.

1 17. The color image forming apparatus as set forth in claim 14, wherein  
2 the transmitter comprises a step-up gear.

1 18. The color image forming apparatus as set forth in claim 14, wherein  
2 the image supporters and the brush rollers are rotated in an identical direction.

1 19. The color image forming apparatus as set forth in claim 14, wherein  
2 the toner image is transferred onto a belt member.

1 20. The color image forming apparatus as set forth in claim 1, wherein the  
2 toner image is transferred onto a recording medium carried by a belt member.

1 21. A color image forming apparatus, comprising:  
2 a plurality of image supporters, each of which is operable to support a  
3 toner image of one color to be transferred;  
4 a plurality of brush rollers, each of which is brought into contact with  
5 an associated one of the image supporters to charge the same; and  
6 a driver, operable to rotate every one of the image supporters and  
7 every one of the brush rollers in a case where a monochrome image formation

8 is performed.

1 22. The color image forming apparatus as set forth in claim 21, wherein  
2 the driver comprises a plurality of transmitters, each of which is operable to  
3 transmit a driving force of an associated one of the image supporters to an  
4 associated one of the brush rollers.

1 23. The color image forming apparatus as set forth in claim 22, wherein  
2 each of the transmitters comprises a step-up gear.

1 24. The color image forming apparatus as set forth in claim 21, wherein  
2 the driver comprises a transmitter, operable to transmit a driving force of one of  
3 the image supporters associated with a black toner image to each of the brush  
4 rollers.

1 25. The color image forming apparatus as set forth in claim 24, wherein  
2 the transmitter comprises a step-up gear.

1 26. The color image forming apparatus as set forth in claim 21, wherein  
2 the image supporters and the brush rollers are rotated in an identical direction.

1 27. The color image forming apparatus as set forth in claim 21, wherein  
2 the toner image is transferred onto a belt member.

1       28.     The color image forming apparatus as set forth in claim 21, wherein  
2           the toner image is transferred onto a recording medium carried by a belt  
3           member.

1       29.     A color image forming apparatus, comprising:  
2           a plurality of image supporters, each of which is operable to support a  
3           latent image of one color to be developed;  
4           a plurality of brush rollers, each of which is brought into contact with  
5           an associated one of the image supporters to charge the same;  
6           a plurality of developing rollers, each of which is operable to develop  
7           the latent image as a toner image of one color which is to be transferred, on an  
8           associated one of the image supporters; and  
9           a driver, operable to stop, in a case where a monochrome image  
10          formation is performed, ones of the brush rollers which are associated with  
11          ones of the image supporters not used for the monochrome image formation.

1       30.     The color image forming apparatus as set forth in claim 29, wherein  
2           the driver comprises a plurality of transmitters, each of which is operable to  
3           transmit a driving force of an associated one of the image supporters to an  
4           associated one of the brush rollers, which are not used for the monochrome  
5           image formation.

1       31.     The color image forming apparatus as set forth in claim 29, wherein  
2           each of the transmitters comprises a step-up gear.

1       32.      The color image forming apparatus as set forth in claim 29, wherein  
2      the driver comprises a plurality of transmitters, each of which is operable to  
3      transmit a driving force of an associated one of the developing rollers to an  
4      associated one of the brush rollers, which are not used for the monochrome  
5      image formation.

1       33.      The color image forming apparatus as set forth in claim 32, wherein  
2      each of the transmitters comprises a step-up gear.

1       34.      The color image forming apparatus as set forth in claim 29, wherein  
2      the image supporters and the brush rollers are rotated in an identical direction.

1       35.      The color image forming apparatus as set forth in claim 29, wherein  
2      the toner image is transferred onto a belt member.

1       36.      The color image forming apparatus as set forth in claim 29, wherein  
2      the toner image is transferred onto a recording medium carried by a belt  
3      member.